

EMI-SHIELDING RISER CARD FOR A COMPUTER CHASSIS

ABSTRACT OF THE DISCLOSURE

An EMI-shielding riser card for reducing electromagnetic radiation from a computer enclosure is disclosed. The EMI-shielding riser card is a six-layer riser card having a connector adjacent its lower edge, such as a connector for an NLX system board. A cable connection socket is on the riser card a first distance away from the connector, and a plurality of traces in a signal layer of the riser card run between the cable connection socket and the connector. A first ground layer in the riser card is interposed between the signal layer and a first surface of the riser card. A second ground layer in the riser card is interposed between the signal layer and a second surface of the riser card. The first and second ground layers are configured to attach to a ground connection for a system board for which the riser card is adapted.